

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No. 04520/029002 10/689526 Not Yet Assigned		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Serial No.		
				Applicant		
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(37 C.F.R. § 1.98(b))				Customer No. 21559		
U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
<i>P</i>	5,338,865	8/16/94	Kishi et al.			
<i>P</i>	5,436,238	7/25/95	Kishi et al.			
<i>P</i>	6,214,865	4/10/01	Littlefield et al.			
<i>P</i>	6,365,759	4/2/02	Littlefield et al.			
<i>P</i>	6,469,182	10/22/02	Littlefield et al.			
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
<i>P</i>	0 572 109 A1	01.12.93	Europe			
<i>P</i>	WO 93/17690	16.09.93	PCT			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
<i>P</i>	Aicher et al., "Total Synthesis of Halichondrin B and Norhalichondrin B," J. Am. Chem. Soc. 114:3162-3164 (1992).					
<i>P</i>	Horita et al., "Synthetic Studies of Halichondrin B, an Antitumor Polyether Macrolide Isolated from a Marine Sponge. 8. Synthesis of the Lactone Part (C1-C36) via Horner-Emmons Coupling Between C1-C15 and C16-C36 Fragments and Yamaguchi Lactonization," Tetrahedron Letters 38:8965-8968 (1997).					
<i>P</i>	Stamos et al., "New Synthetic Route to the C.14-C.38 Segment of Halichondrins," J. Org. Chem. 62:7552-7553 (1997).					
EXAMINER	<i>Raymond Conpton</i>		DATE CONSIDERED 7/22/08			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.						